

### Abstract

A pipe separator for separation of fluids, for example separation of oil, gas and water in connection with the extraction and production of oil and gas from formations under the sea bed. It comprises an extended, tubular separator body (1) that has a diameter at the inlet and outlet ends that is mainly equal to or slightly greater than the diameter of the transport pipe to which the separator body is connected. A cyclone (3) is arranged upstream of the separator body for separation of any gas present. An electrostatic coalescer (4) is incorporated in and constitutes an integrated part of the separator body (1).